

FILE NOTATIONS

Entered in NID File

Entered On S R Sheet

Location Map Pinned

Card Indexed

1W R for State or Fee Land

Checked by Chief

Copy NID to Field Office

Approval Letter

Disapproval Letter

COMPLETION DATA:

Date Will Completed

OW _____ VW _____ TA _____

GW _____ OS _____ PA _____

Location Inspected

Bond released

State of Fee Land

LOGS FILED

Driller's Log

Electric Logs (No.)

E

I

E-I

GR

GR-N

Micro

Lat

Mi-L

Sonic

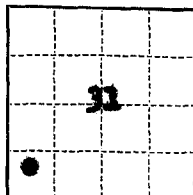
Others

Sub-Report of Audit

(SUBMIT IN TRIPLICATE)

Indian Agency Window RockNavajo TribalUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee _____

Lease No. 14-20-603-82

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

February 12, 1957, 19____Navajo Tract #57Well No. 1 is located 957 ft. from S line and 405 ft. from W line of sec. 31SW SW Sec. 31

(1/4 Sec. and Sec. No.)

40S

(Twp.)

23E

(Range)

SLM

(Meridian)

West Desert Creek

(Field)

San Juan County

(County or Subdivision)

Utah

(State or Territory)

The elevation of the derrick floor above sea level is _____ ft. Not run yet.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Rotary Drilling Equipment will be used to drill into the Paradox Salt Formation, estimated TD 5850'. Surface formation: Morrison. Surface Casing 600' to 1600' of 10-3/4" OD 32.75# and 40.5# J-55 Seamless Casing depending upon the presence or absence of water flow, cemented to surface. Production String: 7" OD 20# and 23# J-55 Seamless Casing.

Mud Program: Conventional mud and/or gyp or salt base as required.

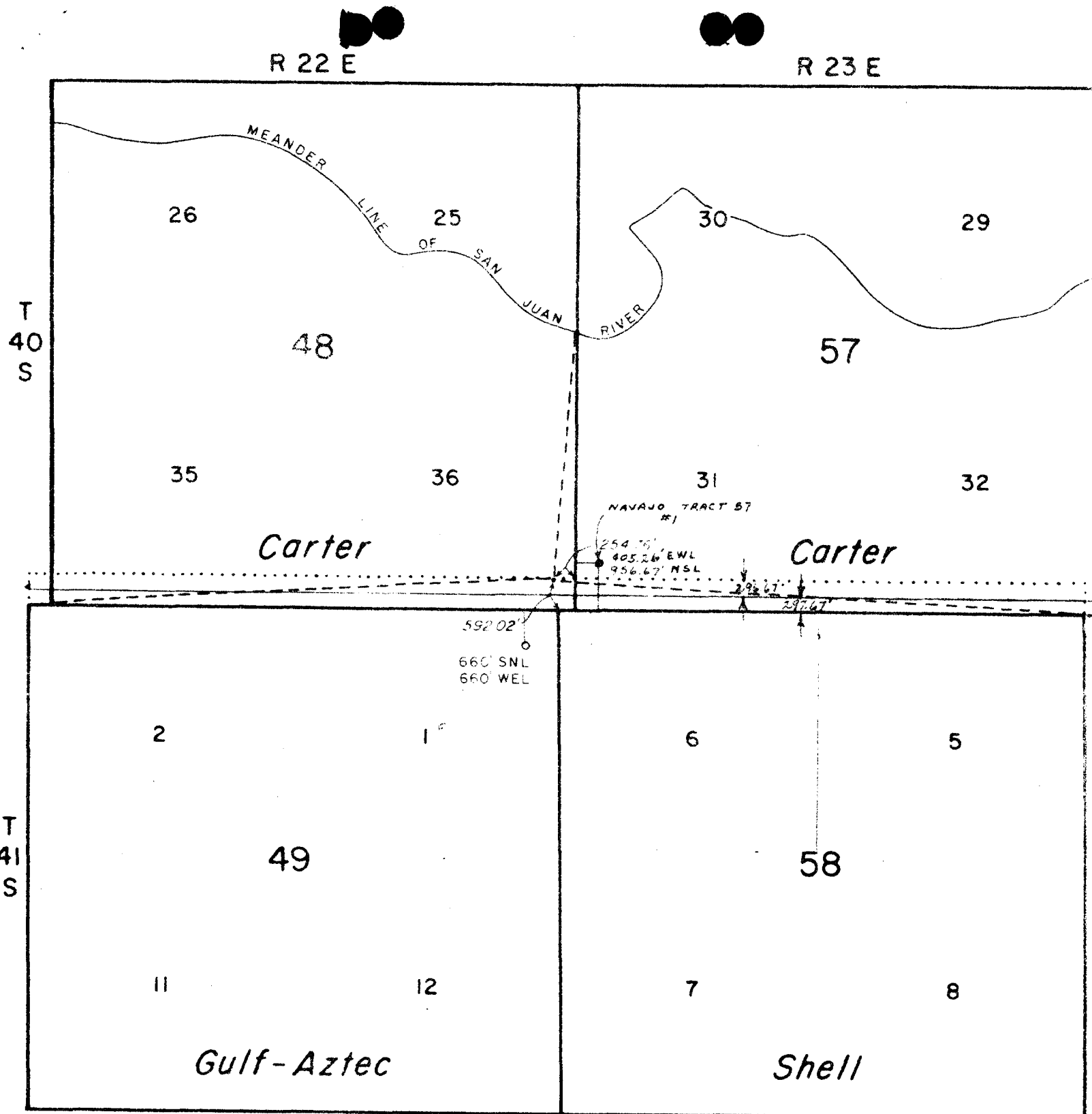
Drill Stem Tests: All oil or gas shows will be tested.

Logs: Electric logs, etc., will be run before running casing or abandonment.

Will complete in open hole and/or perforate oil string as required. Stimulating treatments such as acid or hydraulic fracturing may be employed.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Carter Oil CompanyAddress Box 472Vernal, UtahBy COPY (ORIGINAL SIGNED) B. M. BRADLEYB. M. Bradley
Title District Superintendent



WEST DESERT CREEK
 SAN JUAN COUNTY, UTAH
 LEASE DEVIATION FROM
 CADASTRAL SURVEY

Scale: 2"=1 mile

— Cadastral Survey.
 --- } Deviations by
 } metes and bounds.

February 13, 1957

The Carter Oil Company
Box 472
Vernal, Utah

Gentleman:

This is to acknowledge receipt of your notice of intention to drill Well No. Navajo Tract #57-1, which is to be located 957 feet from the south line and 405 feet from the west line of Section 31, Township 40 South, Range 23 East, SIM, San Juan County, Utah.

On examination of said notice, it appears that the proposed location of the well does not comply with Rule C-3, General Rules and Regulations of the Oil and Gas Conservation Commission of the State of Utah, nor has information been furnished for an unorthodox location as required by Rule C-3 (c) of said rules and regulations.

Before approval can be given for the drilling of this well, it will be necessary for you to file a new notice of intention to drill in compliance with Rule C-3 (b) or if unorthodox spacing is necessary, a request for such spacing must be made as required by Rule C-3 (c).

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FREIGHT
SECRETARY

CBF:en

cc: Mr. McGrath or Mr. Long,
District Engineer
USGS, Farmington,
New Mexico

February 15, 1957

B. M. Bradley, Dist. Superintendent
Carter Oil Company
Box 472
Vernal, Utah

Re: Well No. Navajo Tract 57-1,
Sec. 31, Twp. 40 S, R. 23 E,
San Juan County, Utah

Dear Sir:

Reference our telephone conversation of February 14, 1957,
concerning the proposed location of the above mentioned well.

Please be advised that approval to drill said well is hereby
granted.

However, said approval is conditional upon approval by the
U. S. Geological Survey and written consent to said location
being filed by the Shell, Gulf, and Aztec Oil Companies.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

GLENN B. FREIGHT
SECRETARY

CBF:cn

cc: Phil McGrath or Mr. Long
USGS, Farmington,
New Mexico

CLASS OF SERVICE

This is a fast message unless its deferred character is indicated by the proper symbol.

WESTERN UNION TELEGRAM

W. P. MARSHALL, PRESIDENT

SYMBOLS

DL=Day Letter

NL=Night Letter

LT=International Letter Telegram

1201

The filing time shown in the date line on domestic telegrams is STANDARD TIME at point of origin. Time of receipt is STANDARD TIME at point of destination

LB321

DUPLICATE OF TELEPHONED TELEGRAM

L DVA309 DL PD AR=FAX DENVER COLO 15 203PM FEB 15 PM 3 09
CLEON B FEIGHT, SECY UTAH STATE BOARD OIL & GAS COMM
CAPITOL BLDG SALT LAKE CITY UTAH=

CARTER OIL HAS REQUESTED GULF TO ADVISE YOU IF WE OBJECT
TO PROPOSED CARTER LOCATION 405' FROM WEST LINE AND 956'
FROM SOUTH LINE SEC. 31-40S-23E, SAN JUAN CO., UTAH.
GULF DOES NOT OWN A LEASE WITHIN 660' OF PROPOSED
LOCATION AND HAS NO OBJECTION TO IT=

S H LETTEER GULF OIL CORP=

No.	424721	To	C. M.
By	AE 3167	Do	me
E			

405' 956' 31-40S-23E 660' =

THE COMPANY WILL APPRECIATE SUGGESTIONS FROM ITS PATRONS CONCERNING ITS SERVICE

TELEGRAM

Received: 11:40 a.m.
February 15, 1957

From: Dallas, Texas
Aztec Oil & Gas Co.
by Van Thompson

We recommend your approval of Carter Oil Company's application to drill a well 405 feet from the west line, 957 feet from the south line, Section 31, Township 40 South, Range 23 East, San Juan County.

Signed:

Aztec Oil & Gas Co.

CLASS OF SERVICE

This is a fast message unless its deferred character is indicated by the proper symbol.

WESTERN UNION TELEGRAM

W. P. MARSHALL, PRESIDENT

1201

SYMBOLS

DL=Day Letter

NL=Night Letter

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The filing time shown in the date line on domestic telegrams is STANDARD TIME at point of origin. Time of receipt is STANDARD TIME at point of destination

LB077 DC056

~~RECEIVED~~ TELEPHONE

D LLK65 PD=FAX DALLAS TEX 15 1041AMC=

DLR CLEON B FEIGHT, SECRETARY=

1957 FEB 15 AM 10 04

ROOM 140 UTAH STATE OIL AND GAS COMMISSION

STATE CAPITOL

SALT LAKE CITY UTAH=

WE RECOMMEND YOUR APPROVAL OF CARTER OIL COMPANY'S
APPLICATION TO DRILL A WELL 405 FEET FROM WEST LINE AND
957 FEET FROM SOUTH LINE OF SECTION 31, T40S-R23E, SAN
JUAN COUNTY, UTAH=

AZTEC OIL & GAS CO BY: VAN THOMPSON=

\$	No.	24721	To	Adm
\$	By	AM	To	Ed
E				

405 957 31 T40S-R23E=

THE COMPANY WILL APPRECIATE SUGGESTIONS FROM ITS PATRONS CONCERNING ITS SERVICE

DOMESTIC SERVICE	
Check the class of service desired; otherwise this message will be sent as a full rate telegram	
FULL RATE TELEGRAM	
DAY LETTER	
NIGHT LETTER	

\$
S
E

WESTERN UNION

1206 10-51

W. P. MARSHALL, PRESIDENT

INTERNATIONAL SERVICE	
Check the class of service desired; otherwise the message will be sent at the full rate	
FULL RATE	
LETTER TELEGRAM	
SHIP RADIOGRAM	

NO. WDS.-CL. OF SVC.	PD. OR COLL.	CASH NO.	CHARGE TO THE ACCOUNT OF	TIME FILED
			Aztec Oil & Gas Company	

Send the following message, subject to the terms on back hereof, which are hereby agreed to

February 15, 1957

MR. CLEON B. FEIGHT, SECRETARY
UTAH STATE OIL AND GAS COMMISSION
SALT LAKE CITY 14, UTAH

WE RECOMMEND YOUR APPROVAL OF CARTER OIL COMPANY'S APPLICATION TO DRILL A WELL
405 FEET FROM WEST LINE AND 957 FEET FROM SOUTH LINE OF SECTION 31, T40S-R23E,
SAN JUAN COUNTY, UTAH.

AZTEC OIL & GAS COMPANY
BY: VAN THOMPSON

Confirmation

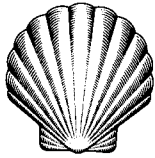
TELEGRAM

Received: 3:15 p.m. on February 15, 1957. (cn)

From: S. H. Letteer
Gulf Oil Corporation
Denver, Colorado

Carter Oil has requested Gulf to advise you if we object to proposed Carter location, 405 feet from west line and 956 feet from south line, SE 1/4 Section 31, Twp. 40 South, R. 23 E, San Juan County, Utah. Gulf does not own a lease within 660 feet of proposed location and has no objection to it.

Signed: S. H. Letteer



SHELL OIL COMPANY

DESERET NEWS BUILDING
33 RICHARDS STREET
SALT LAKE CITY 1, UTAH

DAvis 2-0471
TELEPHONE 22-0471

February 15, 1957


Subject: Mole Hill Area
Miscellaneous
(Carter Well Location)

The Oil and Gas Conservation Commission
of the State of Utah
State Capitol Building
Salt Lake City, Utah

Gentlemen:

This will confirm our verbal advice of February 15, 1957 to your Mr. Feight that we have, under Rule C-3 (c) (2) (11), no objection to your granting the application of the Carter Oil Company for an exception to your spacing requirements insofar as said application relates to that well to be located 405 feet from the West line and 957 feet from the South line of Section 31, T. 40 S., R. 23 E., S.L.M.

Yours very truly,


J. E. Mohr
Division Land Manager

Carter

THE CARTER OIL COMPANY

Box 472
Vernal, Utah
February 18, 1957

State of Utah
Oil and Gas Commission
Salt Lake City 11, Utah

Attention: Mr. Cleon B. Feight, Secretary

Dear Sir:

In regards to our telephone conversation concerning the question of spacing in our Navajo Tract No. 57-1, Section 31, Township 40 South, Range 23 East, San Juan County, Utah, the attached plaque shows the distances you requested. Shell, Gulf and Aztec have been contacted and it is my understanding that they will wire you their consents to this location. It will be appreciated if you will advise whether or not you have received these wires.

Very truly yours,


B. M. Bradley

BMB:bb

Attachment

February 19, 1957

Re: Well No. Navajo Tract #57,
1

The Carter Oil Company
Box 472
Vernal, Utah

Gentlemen:

With reference to your letter of February 18, 1957, please be advised that wires were received from Shell, Gulf and Aztec recommending that the location of the above mentioned well be approved.

Yours very truly,

OIL & GAS CONSERVATION
COMMISSION

CLEON B. FREIGHT
SECRETARY

CBF:en

(SUBMIT IN TRIPLICATE)

Indian Agency Window Rock

Navajo Tribal

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee _____

Lease No. 14-20-603-282

	31	
X		

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	Report of setting casing	X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

March 19, 1957

Navajo Tract #57

Well No. 1 is located 957 ft. from NE line and 405 ft. from EW line of sec. 31

SW SW Sec 31

(1/4 Sec. and Sec. No.)

40S

(Twp.)

23E

(Range)

S1M

(Meridian)

West Desert Creek

(Field)

San Juan

(County or Subdivision)

Utah

(State or Territory)

The elevation of the derrick floor above sea level is _____ ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Spudded 2 PM 3-4-57.

3-4-57 - Ran 40' of 16" OD 53# Armco Spiral Weld slip jt casing set at 45' and cemented with 100 sacks cement w/2% calcium chloride added, circulated OK.
3-12-57 - Ran 610' of 10-3/4" OD 32.75# 8rd thd H-40 smls casing, set at 616' and cemented with 347 sacks cement with 3% gel and 1/4# flowseal per sack, and 75 sacks cement with 2% calcium chloride added, rotated casing while circulating, cement circulated OK, maximum pressure 800#. Tested blank rams and pipe rams at 1000# for 30 min OK, tested casing at 1000# OK, tested cement at 300# for 1/4 hr OK.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Carter Oil Company

Address Box 472

Vernal, Utah

COPY (ORIGINAL SIGNED) **B. M. BRADLEY**
By B M Bradley
Title District Superintendent

(SUBMIT IN TRIPLICATE)

Indian Agency Window Rock

Navajo Tribal

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee _____

Lease No. 14-20-603-282

	31	
x		

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	Report of Drill Stem Test	x

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

May 3, 1957

Navajo Tract 57

Well No. 1 is located 957 ft. from N line and 405 ft. from E line of sec. 31

SWSW Sec 31

40S

23E

SLM

(1/4 Sec. and Sec. No.)

(Twp.)

(Range)

(Meridian)

West Desert Creek

San Juan

Utah

(Field)

(County or Subdivision)

(State or Territory)

The elevation of the derrick floor above sea level is 4804 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

IST #1 - TD 5803 - packer at 5773' - Tool open 15 minutes, no blow, bypass tool recovered 15' drilling mud, no oil, no gas shows. ISIP 20 minutes 45#, Final SIP 45#, IFP 45#, FFP 45#, IHP 3020#, FHP 3020#.

IST #2 - TD 5803' - packer at 5743' - Tool open 2 hours 7 minutes, no blow, bypass tool recovered 35' drilling fluid, no oil, no gas shows. ISIP 20 minutes 45#, FSIP 30 minutes 45#, IFP 45#, FFP 45#, IHP 3020#, FHP 3020#.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Carter Oil Company

Box 444

Address _____

Durango, Colorado

By COPY (ORIGINAL SIGNED) B. M. BRADLEY

B M Bradley

Title District Superintendent

(SUBMIT IN TRIPLICATE)

Indian Agency Window Rock

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Navajo Tribal

Allottee _____

Lease No. 14-20-603-282

	31	
X		

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	X		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

May 3, 1957

Navajo Tract 57

Well No. 1 is located 957 ft. from N line and 405 ft. from EX line of sec. 31
SWSW Sec 31 40S 23E SLM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
West Desert Creek San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4804 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

It is intended to plug and abandon the well as follows:

TD 5856'

Cement plugs - 5650-5350' - 120 sacks
 4600-4500' - 40 sacks
 1600-1450' - 60 sacks
 740-590' - 65 sacks
 30-0' - 17 sacks

Intervals between plugs to be filled with drilling mud.

To erect a 4" dry hole marker extending 4' above ground level.

Verb 1 approval for above: Mr P T McGrath to H L Farris 5-2-57.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Carter Oil Company

Address Box 444

Durango, Colorado

By **COPY (ORIGINAL SIGNED) B. M. BRADLEY**

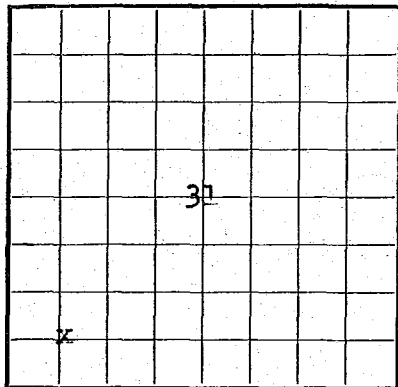
B M Bradley

Title District Superintendent

U. S. LAND OFFICE Window Rock

SERIAL NUMBER _____

LEASE OR PERMIT TO PROSPECT _____

14-20-603-282UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company The Carter Oil Company Address Box 444, Durango, Colorado
 Lessor or Tract Navajo Tract 57 Field West Desert Creek State Utah
 Well No. 1 Sec. 31 T. 40S R. 23E Meridian SLM County San Juan
 Location 957 ft. N. of S Line and 405 ft. E. of W Line of Section 31 Elevation 4804
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon
 so far as can be determined from all available records.

COPY (ORIGINAL SIGNED) **B. M. BRADLEY**

Signed _____

Date May 7, 1957Title District Superintendent

The summary on this page is for the condition of the well at above date.

Commenced drilling 3-4-57, 19____ Finished drilling 5-3-57, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from None to _____ No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from None to _____ No. 3, from _____ to _____
 No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
<u>16"</u>	<u>53.1</u>	<u>slip jt</u>	<u>Armco</u>	<u>40'</u>	<u>None</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>Conductor</u>
<u>10-3/4"</u>	<u>32.75</u>	<u>8rd</u>	<u>H-40</u>	<u>610'</u>	<u>Baker</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>Surface</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>16"</u>	<u>45'</u>	<u>100</u>	<u>Halliburton</u>		
<u>10-3/4"</u>	<u>616'</u>	<u>422</u>	<u>Halliburton</u>		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
 Adapters—Material _____ Size _____

SHOOTING RECORD

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
16"	45'	100	Halliburton		
10-3/4"	616'	422	Halliburton		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
 Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from _____ 0 _____ feet to _____ 5856 _____ feet, and from _____ feet to _____ feet
 Cable tools were used from _____ None _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____ 08-15-57 _____, 19 _____ Put to producing _____, 19 _____

The production for the first 24 hours was _____ barrels of fluid of which _____ % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

E C Wayland _____ Driller Roy Mitchell _____ Driller
 H C Rodgers _____ Driller _____ Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	610	610	Morrison - Interbedded sandstone, shale and siltstone, predominantly red and brown
610	720	110	Carmel - Sandstone, pink, very fine grained with interbedded shale
720	860	140	Navajo - Sandstone, pink, white, very fine grained, with interbedded shale
860	1020	160	Kayenta - Shale, red brown, silty
1020	1540	520	Wingate - Sandstone, pink, white, very fine to fine grained, slightly silty
1540	2310	770	Chinle - Predominantly siltstone, gray & brown, with interbedded shale and sandstone
2310	2470	160	Shinarump - Interbedded sandstone & shale
2470	2540	70	Moenkopi - Shale, red lavender, green & gray
2540	4570	2030	Cutler - Interbedded sandstone, shale, siltstone red, brown, gray, green
4570	5856	1286	Pennsylvanian - Interbedded shale, siltstone, and limestone

[OVER]

16-43094-4

MAY 13 1961

MAY 13 1957

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
Core #1 - 5500-5550'		Recovered 47'	47' of limestone, tan to light gray, Micro crypto to crypto-crystalline, argillaceous, dense, hard with some fossils, tight no show.
Core #2 - 5550-5575'		Recovered 24'	1' limestone, dark gray, argillaceous, silty, tite, dense, no show; 10' siltstone, tan calcareous, hard fossiliferous; 6' limestone, dark brown, tite, no show; 1' chert, black with slight oil show on interfaces between chert and limestone; 5' limestone, brown, dense, tite, no show; 1' chert black.
Core #3 - 5580-5600'		Recovered 16'	limestone and chert.
Core #4 - 5615-5665'		Recovered 45'	14' limestone, green, tan, argillaceous, tite, dense, no show; 4' anhydrite w/interbedded limestone as above; 4' siltstone very calcareous, tite; 10' limestone tan dense no show; 13' shale dark gray to black black.
Core #5 - 5705-5753'		Recovered 42'	7' anhydrite; 3' dolomite green, brown, crypto-crystalline, hard dense, silty, no show; 1' siltstone dark gray, hard, very calcareous, fossiliferous; 1' dolomite as above; 2' siltstone as above; 2' limestone, dark gray tan, crypto-crystalline, hard, dense, very silty, fossiliferous, no show; 1' siltstone as above with slight oil stain on horizontal fracture; 1' shale black; 5' limestone as above; 1' siltstone as above; 1' limestone light gray, crypto-crystalline, hard dense, silty, no show; 9' limestone dark gray tan, hard dense very silty with anhydrite streaks throughout; 8' limestone as above grading to siltstone.
Core No. 6 - 5753-5803		Recovered 41'	4' dolomite, dark gray, finely crystalline, shale, fossiliferous, no show; 6' limestone, dark gray, crypto-crystalline, very silty, hard, fossiliferous, no show; 1' limestone, gray to tan, medium crystalline, dense, hard no show; 2' limestone, dark gray, crypto-crystalline, very silty, hard, no show; 1' shale black; 9' limestone, dark gray, crypto-crystalline, very silty, very hard, dense, trace chert, no show; 2' limestone gray, tan, crypto-crystalline, possible inter crystalline, porous, slight fluorescence; 2' dolomite, light tan, crypto-crystalline, argillaceous, hard, slight oil fluorescence, no visible porosity; 7' limestone light tan, crypto-crystalline, dolomite, slightly argillaceous; silty, inter crystalline and pin point porosity, bleeding oil; 2' dolomite light tan, fine crystalline, slightly argillaceous, silty, oil stain, possibly inter crystalline porosity; 1' limestone, tan finely crystalline, hard silty, slight bleeding oil, appears tight; 2' limestone, as above, no show; 2' shale black.

(SUBMIT IN TRIPLICATE)

Indian Agency Window Rock

Navajo Tribal

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee _____

Lease No. 14-20-603-282

	31	
x		

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF REDRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	x
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

MAY 25 1957

Navajo Tract 57

Well No. 1 is located 257 ft. from S line and 405 ft. from W line of sec. 31

SW SW Section 31

(¼ Sec. and Sec. No.)

405

(Twp.)

23E

(Range)

51N

(Meridian)

West Desert Creek

(Field)

San Juan

(County or Subdivision)

Utah

(State or Territory)

The elevation of the derrick floor above sea level is 4804 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

TD 5856' - Well plugged and abandoned as follows:

Cement plugs - 5650-5350' @ 120 sacks

4600-4500 - 40 sacks

1600-1450 - 60 sacks

740-590 - 65 sacks

30-0 - 17 sacks

Intervals between plugs filled with drilling mud.

Erected a 4" dry hole marker extending 22 4' above ground level.

Location cleaned pits filled.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Carter Oil Company

Address Box 144

Durango, Colorado

COPY (ORIGINAL SIGNED) **B. M. BRADLEY**

By B M BRADLEY

Title District Superintendent